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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Ruile, et al. Art Unit : Unknown
Serial No. : n/a Examiner : Unknown
Filed : Herewith
Title : SAW COMPONENT HAVING AN IMPROVED TEMPERATURE
COEFFICIENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450


INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

This statement is being filed with the application. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: July 21, 2005


Paul A. Pysher
Reg. No. 40,780

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

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| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 14219-097US1 | Application No. 10/542970 |
| Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b)) | | Applicant Ruile, et al. | |
| | | Filing Date | Group Art Unit |

| U.S. Patent Documents | | | | | | | |
|-----------------------|-----------|-----------------|------------------|---------------------|-------|----------|----------------------------|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
| | AA | 5,302,877 | 04/12/94 | Takahiro Sato et al | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
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| | AK | | | | | | |

| Foreign Patent Documents or Published Foreign Patent Applications | | | | | | | | |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation | |
| | | | | | | | Yes | No |
| | AL | 1 239 588 | 09/11/02 | EPO | | | | |
| | AM | 05-022067 | 01/29/93 | Japan (Abstract) | | | | |
| | AN | 42 32 046 | 04/08/93 | Germany | | | Abstract | |
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| | AP | | | | | | | |

| Other Documents (include Author, Title, Date, and Place of Publication) | | |
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| | AQ | Yamanouchi et al "High Temperature Stable GHz-Range Low-Loss Wide Band Transducers and Filter Using SiO ₂ /LiNbO ₃ , LiTaO ₃ ", IEEE Transactions on Ultrasonics Ferroelectrics and Frequency Control, IEEE No. 3, May 1995, Pages 392-396 XP000511372 |
| | AR | T. Omori et al "SAW Reflection Characteristics of Cu Electrodes and their Application to SAW IF Devices", IEEE Ultrason. Symp. Proc 2002, to be published |
| | AS | K. Asai, et al "Experimental and Theoretical investigation for temperature Characteristics and Propagation Losses of SAW's on SiO ₂ /Al/LiTaO ₃ ; IEEE Ultrason. Symp. Proc 2002, to be published |

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|--------------------|-----------------|
| Examiner Signature | Date Considered |
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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| | | Filing Date | Group Art Unit |

| Other Documents (include Author, Title, Date, and Place of Publication) | | |
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| | AT | K. Eda et al "Direct Bonding of Piezoelectric Materials and its Applications", IEEE Ultrason. Symp. Proc 2000, Pages 299-309, to be published |
| | AU | Kiyoshi Nakamura, Ailie Tourlog "Effect of a Ferroelectric Inversion Layer on the Temperature Characteristics of Sh-Type Surface Acoustic waves on 36 O Y-X LiTaO3 Substrates, IEEE Trans Ferroel. Freq. Ctrl. Vol 41, No. 6, Nov 1994, PP 872-875 |
| | AV | J. V. Knuuttila et al "BAW Radiation fomr LSAW Resonators on Lithium Tantalate", IEEE Ultrason. Symp. Proc. 2001 PP 193-196 |

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| Examiner Signature | Date Considered |
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